

## **The Triad Approach: A Framework to Create Better Conceptual Site Models and Manage Environmental Project Decision Uncertainties**

David Nicholas  
Policy Analyst  
OSWER  
(202) 566-1927  
[nicholas.david@epa.gov](mailto:nicholas.david@epa.gov)

The triad approach to remediation is a comprehensive framework combining the advances in sampling and analytical technologies, a planning approach to ensure quality of data focusing on cleanup decisions, and a dynamic work strategy to maximize the benefits of on-site data and drive decisions accordingly. This approach uses real-time measurement technologies, rapid sampling, and rapid data interpretation. It leverages partnerships through a joint effort between a variety of EPA organizations, DOE, DOD, and the states. The triad approach makes a positive impact by improving site decision making, providing a new framework for data quality, streamlining site sampling and analysis (which yields program cost savings and shortening timeframes for cleanup), and improving confidence in reuse decisions.